



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Approve Specifications and Authorize Advertisement for Bids for Traffic Signal Preventive Maintenance and Repair Program, Fiscal Year 2005/06

MEETING DATE: July 20, 2005

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council approve the specifications for the above project and authorize advertisement for bids.

BACKGROUND INFORMATION: The project includes providing preventive maintenance and repair services for the City's forty-six traffic signal and lighting systems (forty-five existing systems and one proposed system at Lower Sacramento Road and Century Boulevard). The specifications require the contractor to provide signal maintenance inspections at 120-day intervals and annually test the traffic monitors.

Currently, City electricians repair the signal systems. However, they are unable to provide the ongoing preventive maintenance, due to the number of electrical systems they maintain and other duties. The preventive maintenance is intended to ensure the electrical systems are reliable and reduce both equipment failures and the City's exposure to liability claims. The specifications are on file in the Public Works Department.

For the first time, in FY 2003/04, the Public Works Department hired a contractor to provide preventive maintenance for the traffic signal systems. The program was successful, and the contractor provided signal maintenance inspections every 60 days and annually tested the traffic monitors. For each inspection, the contractor provided a list of items for repair that were performed by the City's electricians.

In FY 2004/05, the program was not approved. The City's electricians performed the annual traffic monitor testing, however, they were only able to provide preventive maintenance inspections twice during the year. After re-evaluating the preventive maintenance services, we pared down the request from a 60-day inspection to a 120-day inspection interval. Most agencies are providing 90-day maintenance inspections due to the complexity of today's signal equipment. The estimated cost difference between 90-day and 120-day inspections is \$6,000.

FISCAL IMPACT: Staff will annually request funding for this program.

FUNDING AVAILABLE: Funds have been approved in the 2005/06 Financial Plan and Budget.
Project Estimate: \$25,000
Planned Bid Opening Date: August 10, 2005

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APPROVED:
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